

DISPOSABLE CHROMATOGRAPHIC COLUMNS

ABSTRACT OF THE DISCLOSURE

To make an inexpensive chromatographic column and perform chromatography with it, column walls and a column end with a port are molded integrally from plastic. A closure is integrally molded with a port as well. One type of closure includes part of a snap-on fastener integrally molded to it to cooperate with corresponding parts molded integrally with the column walls and another type of closure is welded to the tubular walls. In the preferred embodiment the welding is spin welding. The end and closure have channels molded into them radiating from a port and opening toward packing material such as silica beads or porous polymeric plugs. Filters and secondary seals may be located at the ends to prevent leakage of packing material.